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remapped into final-result form. In other embodiments, the watermark processing is invoked in response to a user command entered through the user interface 20. In still other embodiments, the watermark processing is invoked in response to a command provided to the scanner from an associated auxiliary device 24 (e.g., a local personal computer, a remote server computer, a specialized Internet appliance, etc.).

Page 4, lines 6-13, rewrite the paragraph to read as follows:

A watermark decoded by the scanner can be presented to the user on the scanner's LCD display 20. Or the scanner can forward the decoded watermark to a remote device 24, which can then reply with supplemental data for presentation to the user. (Such arrangements for providing Internet-based content and controls in response to decoded watermarks are more particularly detailed in the present assignee's cited patent applications. In such applications, the scanner may serve the role of the client device, or the "originating device" as that term is used in the System For Linking From Objects To Remote Resources patent application.)

Page 6, line 28 through page 7, line 4, rewrite the paragraph to read as follows:

As earlier described, once the identifier information is extracted from the image data, Internet links can be based thereon to provide supplemental information, e-commerce opportunities, etc. In many implementations, the scanner UI 20 is used to present this supplemental information to the user, e.g. by software instructions that render HTML instructions for presentation on the UI display screen. The UI controls (e.g., buttons) can likewise be used to receive user instructions and commands, for linking back to the Internet.

In the Abstract:

Rewrite the Abstract to read as follows:

A scanner is programmed to extract a machine-readable identifier (e.g., encoded in watermark or barcode form) from an object, and transmit same to a remote computer (e.g., over the Internet). The remote computer responds with